

10/06/97
71435 U.S. PTO
08/944578
Class 123
Subclass 184
ISSUE CLASSIFICATION
SCANNED 4



5924398



UTILITY SERIAL NUMBER	PATENT DATE	PATENT NUMBER
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SERIAL NUMBER 08/944578	FILING DATE 10/06/97	CLASS 123	SUBCLASS 3	GROUP ART UNIT 3747	EXAMINER
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APPLICANTS
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CONTINUING DATA
VERIFIED

N.M.M.

FOREIGN APPLICATIONS
VERIFIED

N.M.M.

NOTE-DISCLAIMER
this is a patent and not a trademark
U.S. PAT. 5,122,352

FOREIGN FILING LICENSE GRANTED 01/30/98

Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY MI	SHEETS DRWGS. 3	TOTAL CLAIMS 30	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEYS DOCKET NO.
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Verified and Acknowledged
Examiner's Initials
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ADDRESS
TITLE
FLOW IMPROVEMENT VANES IN THE INTAKE SYSTEM OF AN INTERNAL COMBUSTION ENGINE
U.S. DEPT. OF COMM./PAT. & TM—PTO-436L (Rev.12-94)

PARTS OF APPLICATION FILED SEPARATELY		Applications Examiner	
NOTICE OF ALLOWANCE MAILED 2-17-99		CLAIMS ALLOWED Total Claims 20 Print Claim 1	
ISSUE FEE Amount Due \$1,200.00 Date Paid 3/2/99		DRAWING Sheets Drwg. 3 Figs. Drwg. 12 Print Fig. 1	
DISCLAIMER LABEL SERIAL NO. 08/944,578 FILING DATA 10/06/97		ISSUE BATCH NUMBER P27	
FORM PTO-1267 (REV. 10-94) U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		Marguerite McMahon Primary Examiner	
DO NOT DESTROY		PREPARED FOR ISSUE	

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Form PTO-436A (Rev. 10-94)
SCAN 4XW
OC-RG

(FACE)

STAPLE AREA

*U.S. GOVERNMENT PRINTING OFFICE: 1990-258-989

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

123

184.21

APPLICATION SERIAL NUMBER

944,578

CROSS REFERENCE(S)

CLASS

SUBCLASS
(ONE SUBCLASS PER BLOCK)

APPLICANT'S NAME (PLEASE PRINT)

CHOI

123

18453

590

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION (INT. CL. 4)

F02M

29/00

GROUP
ART UNIT

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

3747

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

M. McMAHON

PTO 270
(10-84)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE